

Fig. 1 Prior Art

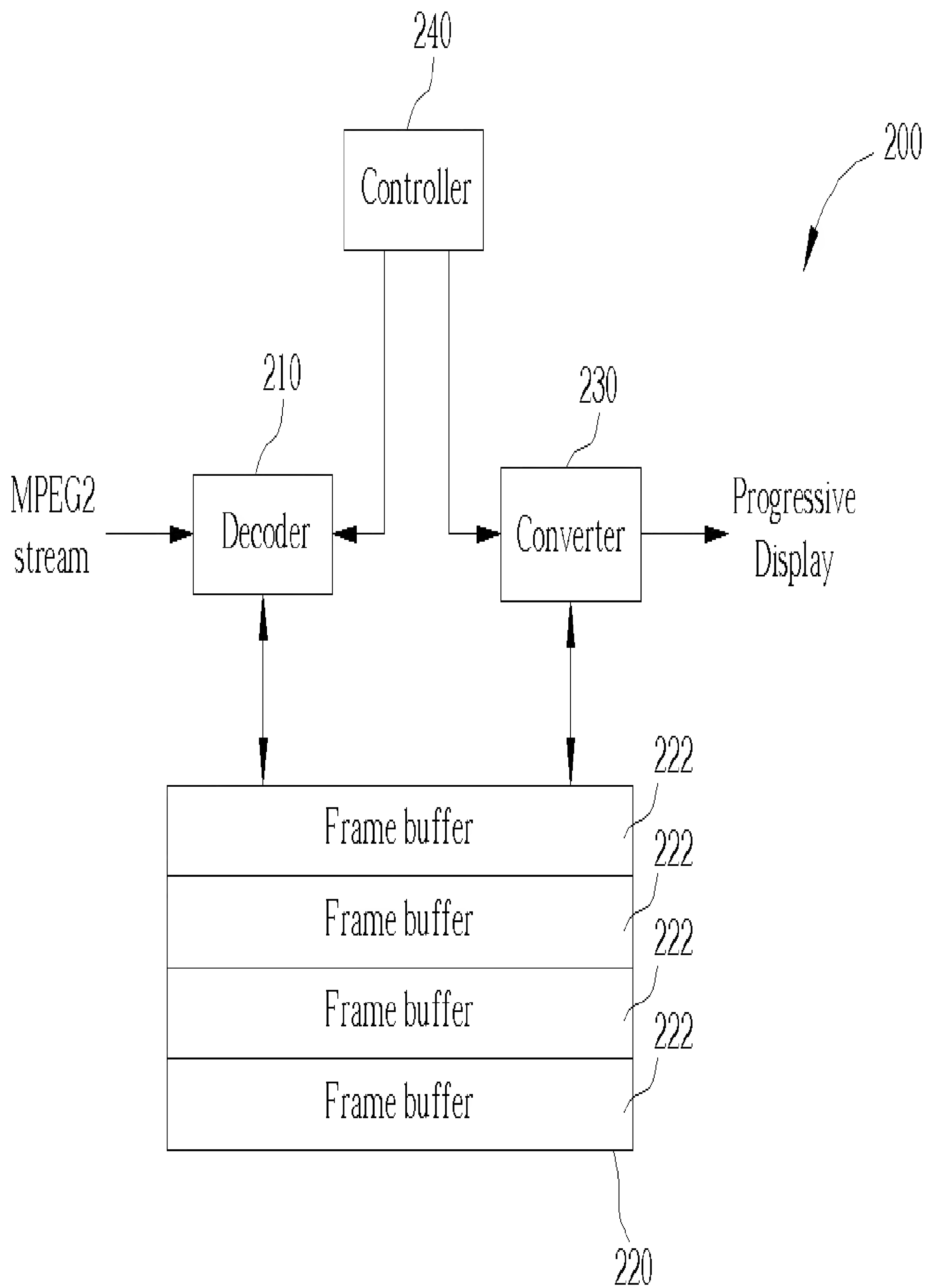


Fig. 2

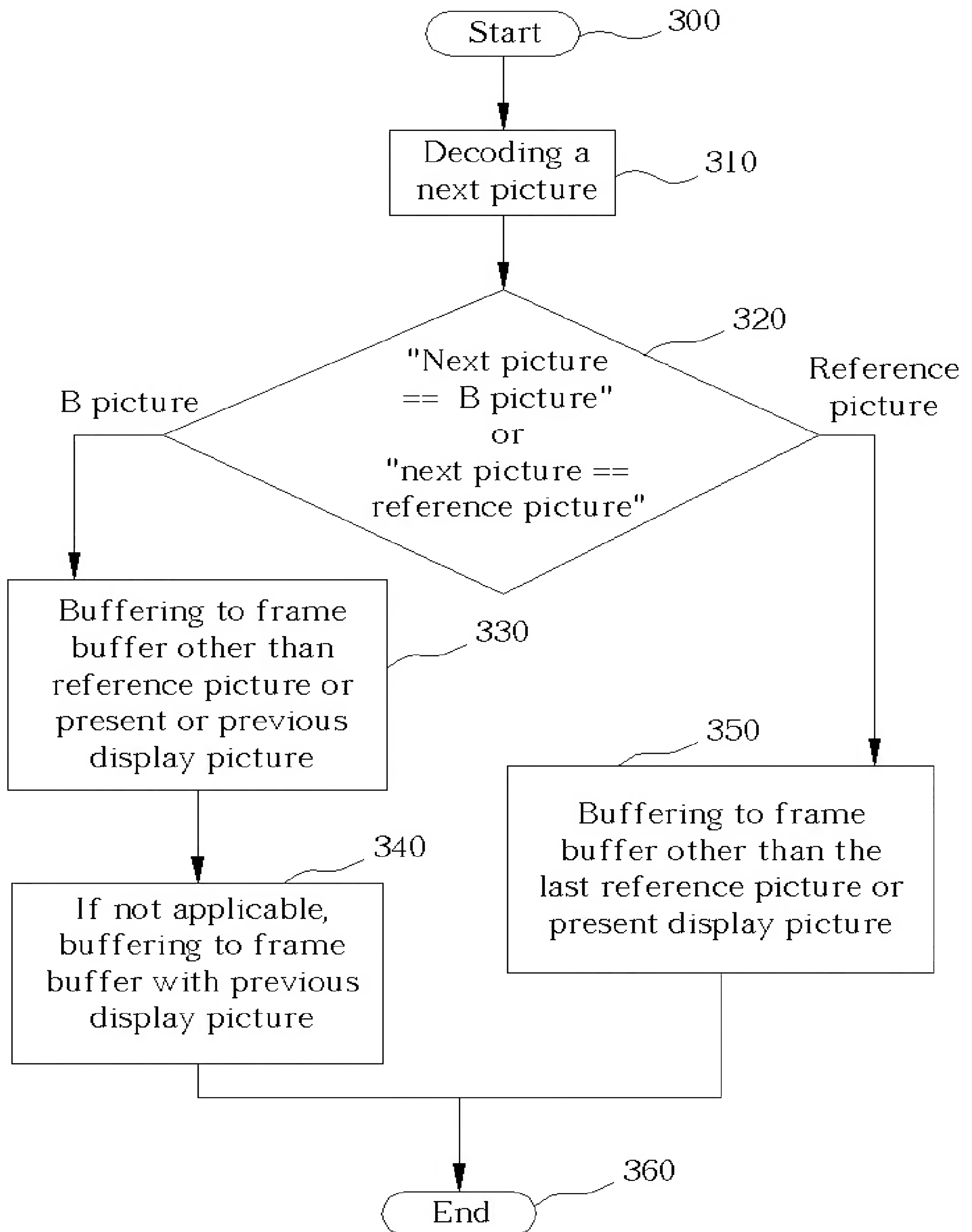


Fig. 3

	Pictures stored in frame buffers			Picture to be buffered
Decoding sequence	Present display picture	Previous display picture	Last reference picture	next picture decoded (R4) buffers to:
R1R2R3R4	R2	R1	R3	Remaining buffer
R1R2B3R4	B3	R1	R2	Remaining buffer
R1B2R3R4	R1	B2	R3	Remaining buffer
R1B2B3R4	B3	B2	R1	Remaining buffer
R0B.....B1R2R3R4	R2	R0	R3	Remaining buffer
R0B.....B1R2B3R4	B3	R0	R2	Remaining buffer
R0B.....B1B2R3R4	R0	B2	R3	Remaining buffer
R0B.....B1B2B3R4	B3	B2	R0	Remaining buffer

Fig. 4

	Pictures stored in frame buffers			Picture to be buffered
Decoding sequence	Present display picture	Previous display picture	Last reference picture	next picture decoded (B4) buffers to:
R1R2R3B4	R2	R1	R3,R2	Remaining buffer
R1R2B3B4	B3	R1	R2,R1	Remaining buffer
R1B2R3B4	R1	B2	R3,R1	Remaining buffer
R0B.....R1B2B3B4	B3	B2	R1,R0	Buffer with B2
R0B.....B1R2R3B4	R2	R0	R3,R2	Remaining buffer
R0B.....B1R2B3B4	B3	R0	R2,R0	Remaining buffer
R0B.....B1B2R3B4	R0	B2	R3,R0	Remaining buffer
R-1R0B.....B1B2B3B4	B3	B2	R0,R-1	Buffer with B2

Fig. 5